



MINERALS PROGRAM INSPECTION REPORT
PHONE: (303) 866-3567

The Division of Reclamation, Mining and Safety has conducted an inspection of the mining operation noted below. This report documents observations concerning compliance with the terms of the permit and applicable rules and regulations of the Mined Land Reclamation Board.

MINE NAME: Henderson Mine	MINE/PROSPECTING ID#: M-1977-342	MINERAL: Molybdenum	COUNTY: Clear Creek
INSPECTION TYPE: Monitoring	WEATHER: Cloudy	INSP. DATE: April 28, 2025	INSP. TIME: 09:37
OPERATOR: Climax Molybdenum Company	OPERATOR REPRESENTATIVE: Ron Hickman	TYPE OF OPERATION: 112d-3 - Designated Mining Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: None	BOND AMOUNT: \$271,566,513.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
INSPECTOR(S): Amber M. Gibson	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: May 13, 2025	

GENERAL INSPECTION TOPICS

This list identifies the environmental and permit parameters inspected and gives a categorical evaluation of each. No problems or possible violations were noted during the inspection. The mine operation was found to be in full compliance with Mineral Rules and Regulations of the Colorado Mined Land Reclamation Board for the Extraction of Construction Materials and/or for Hard Rock, Metal and Designated Mining Operations. Any person engaged in any mining operation shall notify the office of any failure or imminent failure, as soon as reasonably practicable after such person has knowledge of such condition or of any impoundment, embankment, or slope that poses a reasonable potential for danger to any persons or property or to the environment; or any environmental protection facility designed to contain or control chemicals or waste which are acid or toxic-forming, as identified in the permit.

(AR) RECORDS----- <u>N</u>	(FN) FINANCIAL WARRANTY----- <u>N</u>	(RD) ROADS----- <u>N</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>N</u>	(EX) EXPLOSIVES----- <u>N</u>
(PW) PROCESSING WASTE/TAILING---- <u>N</u>	(SF) PROCESSING FACILITIES----- <u>N</u>	(TS) TOPSOIL----- <u>N</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>N</u>	(RV) REVEGETATION---- <u>N</u>
(SM) SIGNS AND MARKERS----- <u>Y</u>	(SP) STORM WATER MGT PLAN---- <u>N</u>	(RS) RECL PLAN/COMP-- <u>N</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>N</u>	(ST) STIPULATIONS----- <u>N</u>
(AT) ACID OR TOXIC MATERIALS----- <u>N</u>	(OD) OFF-SITE DAMAGE----- <u>N</u>	

Y = Inspected / N = Not inspected / NA = Not applicable to this operation / PB = Problem cited / PV = Possible violation cited

OBSERVATIONS

The Henderson Mill was inspected by Amber Gibson with the Division of Reclamation, Mining and Safety (Division/DRMS) as a part of the Division's routine monitoring program on April 28, 2025. Ron Hickman representing the Permittee/Operator Climax Molybdenum-Henderson Operations (Henderson) accompanied me during the inspection. The Henderson Mill is located 15 miles south of Parshall in Grand County. This site is a 112d-3 Designated Mining Operation (DMO) permitted for 11,877.5 acres. **Photos 1-23** are of the outfalls and/or associated BMPs and **Photo 24** documents the progress made towards constructing the new water treatment facility approved via TR35.

The stormwater structures inspected were detailed in the Henderson Mill's approved Storm Water Management Plan from December 2022. The purpose of this inspection was to inspect stormwater structures throughout the Henderson Mill prior to springtime runoff. Henderson Mill has a team that repairs roads and outfall structures in May/June. The Operator is currently working on updating their Storm Water Management Plan. The update is triggered by updated requirements imposed by the Colorado Department of Public Health and Environment (CDPHE). The Operator stated that the outfalls have been renamed through the CDPHE permit and they have ordered new signs reflecting those names. The outfall names below match those included in the current SWMP.

The stormwater structures below were inspected in the following order:



OF-M11 (Photo 1) - The outfall for OF-M11 was under snow and the sign was missing. The BMP is located uphill and to the west of the outfall location and consists of wattles in front of a rock check dam leading to a rip-rap outfall. The BMP's location on the SWMP map is north of where it is actually located. The Division observed water moving through this structure during the inspection. This outfall location appeared to be in good condition.



OF-M08 (Photo 2) - The BMP for this outfall location consists of rip-rap that directs stormwater into a drainage pipe that discharges stormwater north of this location. The settling basin held water at the time of the inspection. The rip-rap was partially covered with snow but appeared to be in good condition.



Collection basin for OF-M08 (Photo 3) – Uphill from the OF-M08 outfall, there is a collection basin near the turn-around for the conveyor belt that drains to the outfall. The collection basin, straw wattles, and surrounding rip-rap appeared to be in good condition.



OF-M15 (Photo 4) – There is no channelized flow leading to OF-M15. Instead, this area generally experiences sheet flow when run-off does occur. The BMPs of this outfall location consist of riprap. This outfall was mostly covered in snow but appeared to be in good condition.



OF-M10 (Photo 5) – This is a low spot near the lay down yard where water may accumulate. However, this outfall does not experience a lot of flow. The BMPs of this outfall location consist of riprap, which was covered with snow at the time of inspection.



OF-M07 (Photo 6) - The BMPs of this outfall location consist of wattles in front of a rock check dam leading to a rip-rap outfall. The Division observed water moving through this structure during the inspection. The wattles were covered in snow and it was difficult to assess their condition, but this outfall location appeared to be working well.



OF-M12 (Photo 7) - The BMPs of this outfall location consist of wattles in front of a rock check dam leading to a rip-rap outfall. The Division observed water moving through this structure during the inspection. This outfall location appears to be in good condition.



OF-M06 (Photo 8) - The BMPs of this outfall location consist of wattles in front of a rock check dam leading to a rip-rap outfall. No water was observed moving through this structure during the inspection. This outfall location appears to be in good condition. The sign was damaged, but the Operator has already ordered new signs.



OF-M05 (Photo 9) - The BMPs of this outfall location consist of wattles in front of a rock check dam. Stormwater that goes through this structure converges with clean water coming from the south. Water then

enters a grate and is discharged up north. The grate was covered with snow at the time of inspection. The settling area where water accumulates on the north side of the structure held water at the time of the inspection.



OF-M20 (Photo 10) - The BMPs of this outfall location consist of wattles in front of a rock check dam leading to a rip-rap outfall. The Division observed water moving through this structure during the inspection. This outfall location appears to be in good condition.



OF-M17 (Photo 11) - The BMP at this outfall location consisted of riprap, which was covered with snow at the time of inspection. The Operator stated that this outfall does not experience much flow.



OF-M04 (Photo 12) The BMPs of this outfall location consist of wattles in front of a rock check dam leading to a rip-rap outfall. These structures were covered in snow at the time of inspection. The sign had fallen off the post.



OF-M18 (Photo 13) - The BMP at this outfall location consisted of riprap, which was covered with snow at the time of inspection. The Operator stated that this outfall does not experience much flow.



OF-M21 (Photo 14) - The BMPs of this outfall location consist of wattles in front of a rock check dam leading to a rip-rap outfall. This outfall location appears to be in good condition. This outfall is located west of what is depicted on the SWMP maps.



OF-M19 (Photo 15) - The BMPs of this outfall location consist of wattles in front of a rock check dam leading to a rip-rap outfall. This outfall location appears to be in good condition.



OF-M23 (Photo 16) - The BMPs of this outfall location consist of wattles in front of a rock check dam leading to a rip-rap outfall. This outfall has a small drainage collection area and was not holding a lot of water or excess sediment at the time of the inspection. Some water appeared to be pooling on the sides of the wattles and rock check dam, but the structure appears to be working well.



OF-M31 (Photo 17) - The BMPs of this outfall location consist of wattles in front of a rock check dam leading to a rip-rap outfall. No water was moving through this structure during the inspection. The Operator stated that this outfall does not experience a lot of flow. This outfall location appears to be in good condition.



OF-M24 (Photo 18) - The BMPs of this outfall location consist of wattles in front of a rock check dam leading to a rip-rap outfall. This outfall collects drainage from the north side of the road, but it does not appear that it had experienced much runoff recently. This outfall location appears to be in good condition.



OF-M30 (Photo 19) - The BMPs of this outfall location consist of wattles in front of a rock check dam leading to a rip-rap outfall. This outfall collects drainage from the northwest lay down area areas and the southeast side of the road. However, the area did not hold water or excess sediment at the time of the inspection. This outfall

location appears to be in good condition.



OF-M26 (Photo 20) (Top)- The BMPs of this outfall location consist of riprap, and a settling basin. The basin held water at the time of the inspection but was not discharging. (Bottom) Straw wattles line the side of the road, collecting drainage from the topsoil piles, and directing it to OF-M26. The straw wattles will need to be replaced during the Operator's Spring stormwater inspections.



OF-M32 (Photo 21) - The BMPs of this outfall location consist of riprap, and a shallow basin. The basin held a little bit of water at the time of the inspection, and no water was discharging at the outfall.



OF-M29 (Photo 22) – The BMPs at this location consisted of a settling pond and a rip-rapped bank. The pond held water at the time of the inspection. This outfall appeared to be in good condition.



(Photo 23) - A series of check dams lead to **OF-M29** and discharge into the pond seen in Photo 22 through a culvert that goes under the road.



Photo 24: Current progress made on the construction of the new water treatment plant approved through TR35. During the inspection, equipment was being used to conduct some pre-building clean up and excavating debris. The Operator stated that soil testing had recently been conducted to determine whether there were any materials previously buried in this area.

Conclusion:

This concludes the Division's Inspection Report. If you need additional information or have any questions, please contact me by email at amber.gibson@state.co.us or by telephone at (720) 836-0967.

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